

**REMARKS**

Claims 1-15 have been cancelled, and claims 16-47 have been added. Claims 16-47 are pending. It is respectfully requested that the amendments above be entered before examination of the application.

Support for sequence identities of 80%, 90%, and 95% is found on page 6, lines 29-34 of the specification. Support for the Clustal alignment method is found on page 6, lines 36-39 of the specification. Support for claims 31 and 47 is found on page 7, lines 11-15 of the specification.

Please charge the necessary fees to Deposit Account 04-1928 (E. I. du Pont de Nemours and Company). If the fee is insufficient or incorrect, please charge or credit the balance to the above-identified account.

In view of the foregoing, allowance of the above-referenced application is respectfully requested.

Respectfully submitted,



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